

Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	New Application	
			Filing Date	December 10, 2003	
			First Named Inventor	Satoshi MURAKAMI et al.	
			Art Unit	2823	
			Examiner	William M. Brewster	
Sheet	1	of	1	Attorney Docket Number	740756-2677

U.S. PATENT DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
W/B		US-6,556,264 B1	04/29/2003	Hirakata et al.	X
W/B		US-5,933,204	08/03/1999	Fukumoto	
W/B		US-6,049,132	04/11/2000	Iwahashi et al.	
W/B		US-5,767,827	06/16/1998	Kobayashi et al.	
W/B		US-5,652,667	07/29/1997	Kurogane	
W/B		US-5,757,054	05/26/1998	Miyawaki et al.	
W/B		US 2002/0121860 A1	09/05/2002	Seo et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
W/B	X	JP 2001-077191	03/23/2001	Yamazaki	X	Abstract

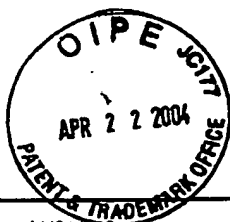
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	William M. Brewster	Date Considered	SEP 85
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				Application Number		10/731,033
				Filing Date		December 9, 2003
				First Named Inventor		Satoshi MURAKAMI et al.
				Art Unit		Not yet assigned 2823
				Examiner Name		Not yet assigned William M. Brewster
Sheet	1	of	1	Attorney Docket Number		740756-2677

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		Number - Kind Code ² (if known)			
WB		US-2003/0034497 A1	02-20-2003	Yamazaki et al.	+
WB		US-2003/0057422 A1	03-27-2003	Yamazaki et al.	+
WB		US-2003/0222334 A1	12-04-2003	Ikeda et al.	+
		US-			
		US-			
		US-			

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
WB	x	JP 2002-351355 -	12-06-2002	Yamazaki	x	Abstract
WB	x	JP 2003-086356 -	03-20-2003	Yamazaki	x	Abstract
WB	x	JP 2003-345267 /	12-03-2003	Ikeda et al.	x	Abstract

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WB	+	INTERNATIONAL SEARCH REPORT DATED FEBRUARY 3, 2004 for PCT/JP03/15173	X

Examiner Signature	William M. Brewster	Date Considered	1 SEP 05
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		Number - Kind Code ² (if known)			
WB		US-2001/0053559	12-20-2001	Nagao et al.	X ↓ X
WB		US-2002/0038998 A1	04-04-2002	Fujita et al.	
WB		US-6,384,427 B1	05-07-2002	Yamazaki et al.	
WB		US-2002/0134979 A1	09-26-2002	Yamazaki et al.	
WB		US-6,670,637 B2	12-30-2003	Yamazaki et al.	
		US-			
		US-			

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
WB	X	EP 1 096 303 A2	05-02-2001	Yamazaki et al.	X	Full
WB		JP 2000-077191	03-14-2000	Yamada et al.	↓ X	Full
WB		JP 2001-195015	07-19-2001	Yamazaki et al.		Abstract
WB		JP 2001-284342	10-12-2001	Nagao et al.		Abstract
WB		JP 2002-108250	04-10-2002	Fujita et al.		Abstract
WB	X	JP 2002-353466	12-06-2002	Nakamura		Abstract

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WB	X	INTERNATIONAL PRELIMINARY EXAMINATION DATED MARCH 23, 2004, OF PCT/JP03/15173	

Examiner Signature	William M. Brumster	Date Considered	1 SEP 05
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